

Amendments to Claims

1. (Currently Amended) A laminate comprising at least one layer of a polyester film that has been coated with an polyallylamine polymeric coating (PRIMER) that is adjacent to, and in direct contact with, at least one other polymeric layer comprising a polymer selected from the group consisting of: PET; PVB; ionoplast resin; polyurethanes; polyvinyl chlorides; polycarbonates; polyacetals; and ethylene acid copolymers (which are inclusive of ethylene acid terpolymers); polyolefins, including polyethylenes and polypropylenes, wherein the polyallylamine coating adheres the polyester film to the at least one other polymeric layer.

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) The laminate of Claim 2 wherein the other polymer in direct contact with the PRIMER is an the ionoplast resin.

5. (Cancelled)

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Currently amended) A laminate comprising: (1) a first polymer layer comprising a polymer selected from the group consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers that is adjacent to and in contact adhered with (2) a first polyester film layer comprising a polyester film that has been coated on both sides with an polyallylamine coating (PRIMER), wherein the PRIMER-first polyester film layer is additionally adjacent to and in direct contact adhered to with (3) a second polymer layer comprising a polymer selected from the group consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers, wherein the second polymer layer is additionally adjacent to and in direct contact adhered to with (4) a second PRIMER-polyester film layer comprising a polyester film that has been coated on both sides with a polyallylamine coating, wherein the second PRIMER-polyester film layer is additionally adjacent to and in direct contact adhered to (5) a third polymer layer comprising a polymer selected from the group

consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers.

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Currently amended) The laminate of Claim 18-13 wherein the polymer of the first polymer layer and third the third polymers layer are are the same polymer type.

20. (Currently amended) The laminate of Claim 19-13 wherein the polymer of the first polymer layer is the ionoplast resin and the polymer of the third polymer layer is an the ionoplast resin.

21. (Currently amended) The laminate of Claim 19-13 wherein the third polymer is polymer of the second polymer layer is the ionoplast resin and the polymer of the first and third polymer layers is the polyvinyl butyralPVB.

22. (Cancelled)

23. (Currently amended) The laminate of Claim 13 wherein polymer of the first polymer layer is the the first polymer is polyvinyl butyralPVB.

24. (Currently amended) The laminate of Claim 22-13 wherein the polymer of the first polymer layer is the first polymer is an ionoplast resin.

25. (Cancelled)

26. (Currently amended) A laminate comprising: (1) an ionoplast resin polymer layer that is in direct contact with (2) a polyester film that has been coated on both sides with an polyallylamine coating-(PRIMER), wherein the coated polyester film PRIMER is additionally in direct contact with (3) a polyvinyl butyral (PVB)-polymer layer, wherein the 90 degree peel strength is at least 1015 lb/inch for the laminatepolymer layers.

27. (Cancelled)

28. (Currently amended) An article comprising a laminate of Claim 1 comprising a layer of a polyester film that has been coated with a polyallylamine coating that is adjacent to, and in direct contact with, at least one other polymeric layer comprising a polymer selected from the group consisting of: polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers, wherein the polyallylamine coating adheres the polyester film to the at least one other polymeric layer.

29. (Currently amended) The article of Claim 28 wherein the article is an article selected from ~~articles in the group consisting of: automobiles, windows, display cabinets, trains, airplanes, boats, and buildings, stairs, ceilings, walls, and skylights.~~

30. (New) The article of Claim 28 wherein the article is an article selected from the group consisting of: windows, stairs, ceilings, walls and skylights.

31. (New) The laminate of claim 13 wherein the laminate is a glass laminate and the first polymer layer is laminated to the glass.

32. (New) The laminate of claim 31 wherein the third polymer layer is also laminated to glass.

33. (New) The laminate of claim 1 wherein the polyester film is a polyethylene terephthalate film.

34. (New) The laminate of claim 13 wherein the polyester film of the first polyester film layer and the second polyester film layer is polyethylene terephthalate film.

35. (New) The laminate of claim 32 wherein the polymer of the first polymer layer is the polyvinyl butyral; the polymer of the second polymer layer is the ionoplast resin; and the polymer of the third polymer layer is the polyvinyl butyral.

36. (New) The laminate of claim 37 wherein the polyester film of the first polyester film layer and the second polyester film layer is polyethylene terephthalate film.

37. (New) A glass laminate comprising: (a) a layer of a polyester film that has been coated with a polyallylamine coating that is adjacent to, and adhered to, (b) a polymer layer comprising a polymer selected from the group consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers, wherein the polymer layer is laminated to the glass.

38. (New) The laminate of claim 37 wherein the polyester film is a polyethylene terephthalate film.

39. (New) The laminate of claim 38 wherein the polymer is the polyvinyl butyral.

40. (New) The laminate of claim 38 wherein the polymer is the ionoplast resin.

41. (New) A laminate comprising: (1) a first polymer layer comprising a polymer selected from the group consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers that is adjacent to and adhered to (2) a polyester film layer comprising a polyester film that has been coated on both sides with polyallylamine coating, wherein the polyester film layer is additionally adjacent to and adhered to (3) a second polymer layer comprising a polymer selected from the group consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers.

42. (New) The laminate of claim 41 wherein the polyester film is a polyethylene terephthalate film.

43. (New) The laminate of Claim 42 wherein the polymer of the first polymer layer and the polymer of the second polymer layer are not the same polymer.

44. (New) The laminate of claim 42 wherein the polymer of the first polymer layer is the polyvinyl butyral and the polymer of the second polymer layer is the ionoplast resin.

45. (New) The laminate of claim 42 wherein the first polymer layer is adjacent to and adhered to a polyester film layer comprising a polyester film that has been coated on the side adjacent to the first polymer layer with a polyallylamine coating and which is coated on the other side with a hardcoat.

46. (New) The laminate of claim 42 wherein the first polymer layer is adjacent to and adhered to a polyester film layer comprising a polyester film that has been coated on the side adjacent to the first polymer layer with a polyallylamine coating and which is coated on the other side with a hardcoat.

47. (New) The laminate of claim 45 wherein the laminate is a glass/plastic laminate and the second polymer layer is laminated to the glass.

48. (New) A laminate comprising: (1) a polymer layer comprising a polymer selected from the group consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers that is adjacent to and adhered to (2) a polyester film layer comprising a polyester film that has been coated on the side adjacent to the polymer layer with a polyallylamine coating and which is coated on the other side with a hardcoat.

49. (New) The laminate of claim 47 wherein the hardcoat is a polysiloxane abrasion resistant coating.

50. (New) The laminate of claim 48 wherein the polyester film is a polyethylene terephthalate film.

51. (New) The laminate of claim 49 wherein the laminate is a glass/plastic laminate and the polymer layer is laminated to the glass.

52. (New) A laminate comprising: (1) a polymer layer comprising a polymer selected from the group consisting of polyvinyl butyral, ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; and ethylene acid copolymers that is adjacent to and adhered to (2) a polyester film layer comprising a polyester film that has been coated on both sides with a polyallylamine coating and which is further coated on the side opposite the polymer layer with a hardcoat.

53. (New) The laminate of claim 47 wherein the hardcoat is a polysiloxane abrasion resistant coating.

54. (New) The laminate of claim 48 wherein the polyester film is a polyethylene terephthalate film.

55. (New) The laminate of claim 49 wherein the laminate is a glass/plastic laminate and the polymer layer is laminated to the glass.

56. (New) The laminate of claim 1 wherein the polyallylamine coating was applied in-line with the polyester film.

57. (New) A process for preparing a laminate comprising the steps of:

(a) providing a polyester film coated with polyallylamine;

(b) providing a polymer sheet selected from the group consisting of polyvinyl butyral; ionoplast resin; polyurethanes; polyvinyl chlorides; polyacetals; ethylene acid copolymer sheet; and

(c) contacting the polyallylamine coated surface of the polyester film to the polymer sheet; and

(d) adhering coated surface of the polyester film to the polymer sheet by heating.

58. (New) The process of claim 57, wherein the polymer sheet is selected from the polyvinyl butyral sheet and the ionoplast resin sheet.

59. (New) The process of claim 58 wherein the polyester film is a polyethylene terephthalate film.